

## **ABSTRACT**

A system, method and article of manufacture are provided to perform an automated concurrent licensed internal code (LIC) update and an automated nonconcurrent LIC update on a storage controller. The automated concurrent LIC update is performed on a storage controller by sequentially updating each cluster while maintaining operation of the storage controller. The automated concurrent LIC update allows multiple hosts to continue to access data via the storage controller while the system is actively undergoing the LIC update. The automated nonconcurrent LIC update is performed during the time the storage controller is not operating. The automated nonconcurrent LIC update allows service personnel to perform the update in an efficient and timely manner. When the update has completed, the storage controller becomes available to process data and the system is operating at the latest LIC level.